

19991129.qrp v01_n654.qrl.991129

Date: Mon, 29 Nov 1999 19:03:12 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1654

QRP-L Digest 1654

Topics covered in this issue include:

- 1) [56940] CQWW and the K2
by Roger Hightower <n7kt@earthlink.net>
- 2) [56941] Disaster Strikes
by "NN7CK" <nn7ck@mindspring.com>
- 3) [56942] Re: US Phone on 40-meter CW bands
by Larry Cahoon <wd3p@juno.com>
- 4) [56943] CQWW-CW
by Larry Cahoon <wd3p@juno.com>
- 5) [56944] Elmer 102--the Wilderness Sierra
by "Dave Ek" <ekdave@earthlink.net>
- 6) [56945] Re: US Phone on 40-meter CW band
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 7) [56946] FS: HW-9 and Acc
by Mark Sailer <msailer@willys.buoy.com>
- 8) [56947] RE: Telex CB88 headset battery assistance
by "Ed Tanton" <n4xy@att.net>
- 9) [56948] SQUELCH CIRCUIT
by Mark & Marsha Gilger <mgilger@concentric.net>
- 10) [56949] Re: Elecraft SSB mike question
by "George Edwards" <gedwards@onramp.net>
- 11) [56950] WTD: 6 meter transverter
by Mighty Mik <mitymik@wenet.net>
- 12) [56951] Re: SQUELCH CIRCUIT
by "Larry Przyborowski" <lprzyski@erols.com>
- 13) [56952] Weather station special event
by "Thaire Bryant" <tbry37@ici.net>
- 14) [56953] Re: Elecraft SSB mike question
by Charles Greene <cgreene@loa.com>
- 15) [56954] 2N2/40 Help PLEASE !!!!!
by Timothy Herron <drboom@bright.net>
- 16) [56955] FS: Tried other alternatives
by bob evinger <revinger@comwares.net>
- 17) [56956] CQWW: 9G5AA
by "Mike Mullins" <mmullins@mastnet.net>
- 18) [56957] Re: CQWW: KL7H / QRPp
by Bruce Hopkins - KL7H <kl7h@arrl.net>
- 19) [56958] Summary sheet SOAB/qrp VE7CFD (op VE7CQK) CQWW CW 1999 (fwd)

- by Paul Erickson <paule@sfu.ca>
- 20) [56959] re: Cynthia Wall Books & QRP
by "Buck, Preston D" <BuckPD@corning.com>
- 21) [56960] Verne's Page
by Jerry Parker <jparker@fix.net>
- 22) [56961] Re: 2N2/40 Help PLEASE !!!!
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 23) [56962] Qrp in Reno/Tahoe area?
by "Bruce2" <Bruce2@prodigy.net>
- 24) [56963] CQWW
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 25) [56964] Valve TX, RX in CQ Sept 1995
by "Glen Torr" <glentorr@ozemail.com.au>
- 26) [56965] CQ WW NOTES
by "DONALD G. DORN" <DDORN@CWIS.NET>
- 27) [56966] RE: Ferrite Toroid ID ? To mark or not to mark ?
by Karl Kanalz <KKanalz@excel.com>
- 28) [56967] RE: Tuned Radials
by Karl Kanalz <KKanalz@excel.com>
- 29) [56968] Web site
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 30) [56969] FS - Paddlette KP-1
by "George Goodroe" <goodroe@worldnet.att.net>
- 31) [56970] Gallups Island
by Ac6qi@aol.com
- 32) [56971] 49er driver/PA question
by John Mckee <JMckee@RFMD.com>
- 33) [56972] Re: Elmer 102--the Wilderness Sierra
by John Bohnert <johnb@elmhurst.edu>
- 34) [56973] Re: CQWW
by Monte Stark <ku7y@dri.edu>
- 35) [56974] FOX: Cards rolling into Fox Buro QSL buro
by Bcieslak@ra.rockwell.com
- 36) [56975] CQWW DX contest milliwatt results
by Jim Hale <kj5tf@yahoo.com>
- 37) [56976] FOX: How to set up TRLog for a future FOX??
by Allan G Taylor <k7gt@arrl.net>
- 38) [56977] Re: FOX: How to set up TRLog for a future FOX??
by Roger Hightower <n7kt@earthlink.net>
- 39) [56978] Fwd: CQWW CW N3BJ SOAB QRP
by "Alan Fryer" <n3bj@hotmail.com>
- 40) [56979] DX; Norcal Net; QRQ Marathon etc.
by Ed Loranger <we6w@qsl.net>
- 41) [56980] Re: Fwd: CQWW CW N3BJ SOAB QRP
by Roger Hightower <n7kt@earthlink.net>
- 42) [56981] post on Ten-Tec reflector??
by "The Hansons" <hansfam@midcoast.com>
- 43) [56982] Re: FOX: How to set up TRLog for a future FOX??

- by Roy <marion@montana.com>
- 44) [56983] Need OHR Manuals
by "Alan Fryer" <n3bj@hotmail.com>
- 45) [56984] A shortened halfwave dipole antenna.
by "Robert W. Shaw" <lycott@fox.nstn.ca>
- 46) [56985] CQ NØRC: QSL Card Mixup
by wb2vuo@juno.com
- 47) [56986] SPRAT 101
by "George Dobbs" <g3rjv@gqrp.demon.co.uk>
- 48) [56987] Announcement: QRQp, QRP speed practic net formed.
by Ed Loranger <we6w@qsl.net>
- 49) [56988] FS: QRP Rigs and Access.
by "Tedd Wong" <wong_te@hotmail.com>
- 50) [56989] KL net 11/28/99
by "Randy Hargenrader" <randyh@harksystems.com>
- 51) [56990] HM-9 wattmeter questions
by "Mike Czuhajewski" <wa8mcq@erols.com>
- 52) [56991] Many thanks...
by "The Hansons" <hansfam@midcoast.com>
- 53) [56992] Elmer 101 - SW40+ and 15m
by tf3vst@vortex.is (Villi Idunni)
- 54) [56993] Tonight's FOX???
by Mark Sailer <msailer@willys.buoy.com>

Date: Sun, 28 Nov 1999 17:01:36 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: ELECRAFT <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [56940] CQWW and the K2
Message-ID: <38415FF0.28208BB8@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, for me this was the first real test of the K2, and it certainly did all I had hoped for. The small number of Q's was due to the fact that I had limited time to operate, and spent all that time in S&P mode trying to avoid duplicate countries.

Ended up after abt 4 hours total, with 41 qso's, 34 Countries in 29 Zones. Notables were OH, KH7, KL7, 9G5, CN8, CE3, EA9, ZS6, T32, ZM2 and the usual JA's. I even heard TA3, IK2, and the Russians but couldn't get an answer. Taiwan was in there, too.

I used TRLog, and kept the speed at 26-29 wpm most of the time. Any slower and I couldn't break a pileup, and any faster didn't get an answer. Ears were working up to abt 35 wpm, but above that the internal

noise blanker just shut 'em down, :-)

What a rig! I never had the gain turned up past 9:00 position, used FL3 most of the time, and it still heard most everything out there. The front end is phenomenal....many stations would have broken the needle of an analog meter, but the rig just hung in there.

Wayne, Eric and crew: You've done an outstanding job on this rig, and it's a pleasure to use. Thanks much. You've raised the bar for rig designers.

I'll take 34 countries toward QRP DXCC any weekend....this was fun.

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Sun, 28 Nov 1999 19:13:15 -0500
From: "NN7CK" <nn7ck@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <nn7ck@arrl.net>
Subject: [56941] Disaster Strikes
Message-ID: <000901bf39fe\$89120840\$16c1f7a5@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

During my relocation from Louisville, KY to Asheville, NC I lost a case that contained all of my ham radio CD's including the ARRL Handbook, several years of QST and most importantly my copy of the latest QRP-L archives.

If any of the "burners" has an unclaimed copy available that will run on Windows 95, I would appreciate a direct e-mail.

TNX es 72/73

Gene ... NN7CK ... Asheville, NC

Date: Sun, 28 Nov 1999 22:33:10 +0000
From: Larry Cahoon <wd3p@juno.com>

To: qrp-1@Lehigh.EDU
Subject: [56942] Re: US Phone on 40-meter CW bands
Message-ID: <19991129.003431.4286.4.wd3p@juno.com>

>"Could you pass the code test for your license class today?"
>

>
That is about as good as asking if you could still pass your high school algebra class final exam. I suspect the majority of HS grads could not. If you don't use it you won't pass the test. Perhaps next week the question should be "Could you pass the theory test for your license class today?"

73 de Larry.....WD3P in MD

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 29 Nov 1999 00:28:53 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [56943] CQWW-CW
Message-ID: <19991129.003431.4286.5.wd3p@juno.com>

Hi gang,

I never intended to do so much, but I got hooked.

Ran the contest single op QRP at 5 Watts - TS 570s to some dipoles. Ran it on 40, 20, 15, and 10 meters.

Final Score 207 QSOs, 45 zones, 131 countries = 103,136 points.

The best band was 20 meters with 86 QSOs and 48 countries. I have not yet figured out the number of unique countries worked for the contest or the number of new countries.

73/72 de Larry.....WD3P in MD

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 28 Nov 1999 18:00:07 -0000
From: "Dave Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [56944] Elmer 102--the Wilderness Sierra
Message-ID: <000b01bf39ca\$68daa5c0\$d4ac85ce@ekdave>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

I have recently had the pleasure of constructing a Wilderness Sierra. Great little rig--gonna be a mainstay in my shack and pack for years to come. Anyhow, while I was building it, I decided to make it a learning experience and build it section by section, working to understand the circuit for each part of the radio as I went (a la Elmer 101 with the SW+).

Since I was having so much fun, I decided to write it up as I went. I called it Elmer 102 and have put it on my web site for others to peruse. It's NOT as complete as Elmer 101 was. I don't have any serious circuit analysis, simulation, spice, or pretty graphs. But it does lead the reader step-by-step through a "build a little, test a little" process for construction and learning.

I don't expect that there will be any stampede to by Sierras like there was for Elmer 101. But maybe a few newer builders might find it useful. I'd appreciate it if a few smart circuit designer-types might take a look and idiot-check it for me. Also, if you have anything you'd like to contribute to this, I'd love to add it.

To get to it, go to

<http://home.earthlink.net/~ekdave>

and follow the projects link. If you're impatient, you can get there straight by using

<http://home.earthlink.net/~ekdave/elmer102.html>

Comments & questions are always welcomed.

73,

Dave AB0GO

Date: Mon, 29 Nov 1999 00:59:34 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [56945] Re: US Phone on 40-meter CW band
Message-ID: <00e001bf3a05\$03f50520\$d142b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SHEEESSSSHHHHHHHH!!!!!!! Enuf already!!!!!!! Get a life, let it go,
move on, PULEEEEEEEZZZZZZZZZZZZEEEEEEEEEEE!!!
de Steve, W8SFF

Date: Sun, 28 Nov 1999 20:00:45 -0500
From: Mark Sailer <msailer@willys.buoy.com>
To: <qrp-l@lehigh.edu>
Subject: [56946] FS: HW-9 and Acc
Message-ID: <3841D03D.8765BC2F@willys.buoy.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've decide to part with my HW-9 and Tuner.
Prices list are what I have been told are the going prices these days.

HW-9 w/ WARC bands and Manual(new,no check marks)
WARC kit is not installed yet. I'll install it if you don't want to.
\$300 shipped

HFT-9 Tuner with manual (matching tuner for HW-9) \$75 shipped

Email me if you are interested.

Thanks

--

====

Mark Sailer, N2JTW msailer@buoy.com
Lake Grove L.I., NY

Date: Sun, 28 Nov 1999 20:15:52 -0500
From: "Ed Tanton" <n4xy@att.net>
To: <dodgeboy@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56947] RE: Telex CB88 headset battery assistance
Message-ID: <NBBBJDEEIFDDANGEGHLBMELIHOAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There is a same sized battery that is a higher voltage-I forget... but it could be as much as 2X! I used it once by accident, found it improved the daylights out of my TX audio (!!) and used them from that point on. I don't remember the nr, and can only tell you it was ALSO a little differently shaped on the ends (used some aluminum foil to cure that.) Didn't harm or kill it-and I used the 'wrong' battery for YEARS-but of course, your results may vary!

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Sun, 28 Nov 1999 20:21:09 -0800
From: Mark & Marsha Gilger <mgilger@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [56948] SQUELCH CIRCUIT
Message-ID: <4.2.0.58.19991128201919.009d7570@pop3.concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Some many years ago, I remember seeing a circuit for an outboard squelch circuit that went between the radio and speaker. I've got a Kenwood TS700A that doesn't have squelch on SSB modes, and something like that would help. Has anyone come across something similar?

Mark WB0IQK

Date: Sun, 28 Nov 1999 19:24:17 -0600
From: "George Edwards" <gedwards@onramp.net>
To: <jeffmgold@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56949] Re: Elecraft SSB mike question
Message-ID: <000c01bf3a08\$75fc94a0\$a02efea9@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is Elecraft's home page....they have contact information for questions....etc...

<http://www.elecraft.com/home.htm>

Subject: Elecraft SSB mike question

> Hi,
>
> not sure what is going on with Elecraft, since I unsubscribed I can't
> directly post to it, and I can't get them to email me back, so maybe one
of
> you experts might know:
>
> Jeff, AC4HF
>

Date: Sun, 28 Nov 1999 17:28:31 -0800
From: Mighty Mik <mitymik@wenet.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [56950] WTD: 6 meter transverter
Message-ID: <3841D6C3.3AFCB35C@wenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK, time for me to treat myself and take the plunge. Does anyone have a 6 meter transverter laying around? TenTec is OK, other brands considered. 14 MHZ IF desired, however 28 MHZ IF is OK too. (as opposed

to 144 MHz)

I may even have to 'retire' my newly minted 6 meter converter. (which i designed...took a QST 'junk box converter' and added a mini-circuits MAR-1 to the front end)

--

@@

72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and soon to be on 6 meters.
Aeropac #111 Tripoli #3071 Level 2 GRID CM87

Date: Sun, 28 Nov 1999 20:46:01 -0500
From: "Larry Przyborowski" <lprzybski@erols.com>
To: <mgilger@concentric.net>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [56951] Re: SQUELCH CIRCUIT
Message-ID: <004601bf3a0b\$7ea8b4a0\$e986accf@k3peg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Some many years ago, I remember seeing a circuit for an outboard squelch
> circuit that went between the radio and speaker.

I have a copy of such a circuit which was printed in QST for Aug 1988.
Let me know if you want a copy.

72/73 de Larry - K3PEG -.-

Date: Sun, 28 Nov 1999 21:02:27 -0500
From: "Thaire Bryant" <tbry37@ici.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [56952] Weather station special event
Message-ID: <199911290204.VAA06935@bajor.ici.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Does anyone have any info on the weather station
special event that was on this weekend?

Thaire W2APF

Date: Sun, 28 Nov 1999 17:48:23 -0500
From: Charles Greene <cgreene@loa.com>
To: jeffmgold@hotmail.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [56953] Re: Elecraft SSB mike question
Message-ID: <4.1.19991128174014.00999810@mail.loa.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:40 PM 11/28/99 -0600, Jeff Gold wrote:

>Hi,

>

>not sure what is going on with Elecraft, since I unsubscribed I can't
>directly post to it, and I can't get them to email me back, so maybe one of
>you experts might know:

>

>I have a Ten Tec HF 701 mike, will this work with the SSB adapter on the K2,
>anyone have a clue as to the correct wiring?

It probably will work fine. Here's a clue. If it is a four pin mike, 1 is
the mike,
2 is gnd, 3 is PTT, and 4 is +4 if it needs +4. Information from the Omni-VI
manual. See if 4 is connected. If not, it doesn't need +4.

If not, suggestions on
>purchasing a good mike that won't cost a fortune for the K2

Try PSK31. Check: <http://aintel.bi.ehu.es/psk31.html>
and May 99 QST. K2 S/N 462.

Chas, W1CG

Rhode Island TCPIP Address Coordinator
w1cg@arrl.net

Date: Sun, 28 Nov 1999 21:20:23 -0800
From: Timothy Herron <drboom@bright.net>
To: "qrp-l@LeHigh.edu" <qrp-l@Lehigh.edu>
Subject: [56954] 2N2/40 Help PLEASE !!!!
Message-ID: <38420D17.79750B86@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Has anyone that has built the 2N2/40, or are in the process of building it had any problems with the balanced mixer circuit being somewhat deaf. This is what I'm looking at: after building the diode balanced mixer, matching the diodes very carefully, and trying to get everything right. When it came time to test this circuit, I generated a signal with my K2 at 7.050, the 2N2/40 heard this signal and passed it on to the general coverage receiver that was tuned to the 4.915 i.f. of the 2N2/40. I believe, if I read it right from the book that after peaking the input trimmers TC1 & TC3 for the strongest signal, I should now be able to tune the 40 mtr band with the VFO of the 2N2/40, and be able to hear it on the general coverage receiver. I heard the K2 signal just fine....very loud as a matter of fact, but no signals are heard when I hook the outside antenna to the antenna input on the 2N2/40, and yes I made sure that I heard signals when the antenna was hooked up to the K2, so I know that it wasn't an antenna or coax problem. Any help would be appreciated.

TIA

Tim Herron

Date: Sun, 28 Nov 1999 21:26:34 -0500 (EST)
From: bob evinger <revinger@comwares.net>
To: qrp-l@lehigh.edu
Subject: [56955] FS: Tried other alternatives
Message-ID: <Pine.LNX.4.10.9911282117230.1483-1000000@wd9eka_srv.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have the following for sale:

MFJ-407C Deluxe keyer \$40.00 shipped CONUS

TS-690S with Internal ant tuner, YG-455C-1,
YK-88CN-1, YK-88SN-1. Mobile bracket and
2 DC power cords. I realize some might
not consider it QRP, but it operates fine
down to below a watt from the front panel and
in recent years I rarely take it above 3 watts.
160-6 meters. It is my primary qrp radio on all
bands except 40 meters where I use an OHR explorer II.

\$950.00 shipped CONUS

I didnt want to post here, but had 0 bites on the arrl web site
and even tried gag ebay with no one even starting a bid. I
have been drueling over the IC-746 for several months now since it
gets me 2 meters in the same package and frees up some much needed
shack desk space.

I figured I would give it one last shot here before either canning
the idea of getting the Icom or trading it in.

Inquiries can be sent to wd9eka@arrl.net

72
bob

Bob Evinger WD9EKA Marshall, Illinois
If Guns Cause Crime, Then Matches Cause Arson.

Date: Sun, 28 Nov 1999 20:49:45 -0600
From: "Mike Mullins" <mmullins@mastnet.net>
To: "QRP-L post message" <qrp-l@lehigh.edu>
Subject: [56956] CQWW: 9G5AA
Message-ID: <000c01bf3a14\$6b6e2240\$c064fea9@quantex>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Roger Hightower wrote:
>I've even gotten Ghana (9G5AA) on two bands, and I've never gotten them
>while running QRO.

<snip>

I also got 9G5AA on 20 meters (NC20 with a G5RV). He pulled me out of the pile up with KD5CM? When I responded, I got pounded by another call. Patiently, 9G5AA asked again, and I got pounded again. Well, after the third round of this, the other op shut up, and I got through. It would have been easy for 9G5AA to give up on a weak signal from zone #4, and I am certainly very grateful to him. This bad behavior was unusual. In general I was pleasantly surprised by the sportman-like conduct of hams around the world in this contest. And, what skill!! They really make me feel like an amateur. I have a hard time telling 5's from H's at 40 wpm.

Mike KD5CMN in STX

Date: Sun, 28 Nov 1999 18:04:12 -0900
From: Bruce Hopkins - KL7H <kl7h@arrl.net>
To: qrp-1@lehigh.edu
Subject: [56957] Re: CQWW: KL7H / QRPp
Message-ID: <v03007803b4678cbfc4e2@[208.161.165.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Reading Ron - KU7Y's post of needing 5 to 100 watts to work the faster stations put a burr under my saddle... I had to see what was going on... I did not plan on mounting an effort in the CQWW because I have always found it very tiring to push out to the average speed of the test... There has been much said by folks like Ron and Chuck about how a weekend of operating a test like this will make a big difference in your speed and operating skills... Others have talked about these tests being an excellent way to get a good base on your DXCC award... Well folks they are right...

The difference for me this weekend was attitude... Many have been talking on the list about issuing oneself a new challenge... I decided to see what could be done at QRPp levels...

I brought the WM-1 into the shack and adjusted the TS-450S to 900mW... 10 meters was open so I stayed there until band swung to the west and things started to slow down... Friday night, 15 meters stayed open longer than I stayed up... At 4 AM I stoked the woodstove and fell out for some needed rest... Saturday was good on 10 and 15 but the bands started to close much earlier than the night before... I went to 20 meters in the evening and had a tough go there until the band settled down over the pole

at about midnight... 20 was a lot tougher than 10 and 15 but that is as I would expect... This morning 10 was hopping again so I decided to finish out the contest looking for South and Central America and the Caribbean Islands...

Here's the breakdown... Total operating time 15 hours +/-... Bands operated: 10/15/20... Equipment used: TS-450S at 700 to 950mW to a 30 year old Mosley TA-33 at 60'... Total stations logged: 194... DXCC countries worked: 50... Once I had a stations attention, very few even asked for repeats, let alone what power I was running... I sure got a lot better at zero beating a signal... Oh, and my speed ??? Not sure, but I used to operated with the speed knob at the 12 o'clock position, I see it is now pointing at 3:30...

PREFIX	COUNTRY	PREFIX	COUNTRY
4M7	Venezuela	OH7	Finland
9A5	Croatia	OM3	Slovak Republic
9M8	East Malaysia	OT9	Belgium
AH2	Guam	OZ5	Denmark
BY1	China	PI4	Netherlands
CE3	Chile	PJ4	Bonaire
CN8	Morocco	RK6	Uzbekistan
C08	Cuba	RW2	Kalingrad
CX2	Uruguay	RW4	Ukraine
DL0	Germany	SK3	Sweden
EA4	Spain	SP9	Poland
ES1	Estonia	T94	Bosnia Herzegovina
EW2	Blearus	UA4	European Russia
G5	England	UA9	Asiatic Russia
GI0	Northern Ireland	UP6	Kazakhstan
HG6	Hungary	V73	Marshall Is.
IR4	Italy	VE6	Canada
JE4	Japan	WP2	US Virgin Is.
K3	USA	XE2	Mexico
KL7	Alaska	XV7	Vietnam
LA9	Norway	YC8	Indonesia
LU7	Argentina	YL2	Latvia
LY7	Lithuania	ZF2	Cayman Is.
LZ1	Bulgaria	ZX5	Brazil

I hope those of you that participated this weekend had as much fun as I did... Not as much fun as a QRP to the field Contest, but sure worth the effort... Take care and have fun...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://home.gci.net/~bhoppers/akqrp>
or: <http://www.qsl.net/k17aqc>
- 10 Meter Beacon: 28.282.28+/- KL7AQC / BCN

Date: Sun, 28 Nov 1999 19:09:17 -0800 (PST)
From: Paul Erickson <pau1e@sfu.ca>
To: qrp-1@lehigh.edu (qrp)
Cc: 3830@contesting.com (3830 contest scores reflector)
Subject: [56958] Summary sheet SOAB/qrp VE7CFD (op VE7CQK) CQWW CW 1999 (fwd)
Message-ID: <199911290309.TAA27649@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

CQ WW SUMMARY SHEET

Contest Dates : 27-Nov-99, 28-Nov-99

Callsign Used : VE7CFD
Operator : VE7CQK

Category : SOAB/QRP

Default Exchange : 599 3

Maximum power out : 5 watts

Name : PAUL ERICKSON
Address : 3371 W.31st Ave.
City/State/Zip : VANCOUVER, BC, V6S 1X6
Country : Canada

BAND	Raw QS0s	Valid QS0s	Points	Countries	Zones
160CW	16	16	31	3	3
80CW	21	21	41	4	4
40CW	97	97	216	14	11

20CW	70	70	153	20	16
15CW	217	216	505	28	17
10CW	258	258	573	26	19

Totals	679	678	1519	95	70
--------	-----	-----	------	----	----

Final Score = 250635 points.

Soap box:

Thanks again to Dave Shipman VE7CFD for the use of his station. I was hoping to better my score from last year but with 32.5 operating hours, it was not to be. For some reason the conditions were different up here. For some reason the normal european openings did not happen, so a large number of mults were lost.

This is to certify that in the contest I have operated my transmitter within the limitations of my license and have observed fully the rules and regulations of the contest.

Date __99/11/28____ Signed ____Paul_Erickson_____ Call __VE7CQK____

Date: Sun, 28 Nov 1999 22:17:59 -0500
 From: "Buck, Preston D" <BuckPD@corning.com>
 To: qrp-l <qrp-l@Lehigh.EDU>
 Subject: [56959] re: Cynthia Wall Books & QRP
 Message-ID: <9C472CF03C5ED111BBF20000F84A170102099FF8@EAGLE.CORNING.COM>
 Content-return: allowed
 MIME-version: 1.0
 Content-type: text/plain

Greetings all,

I got the entire series for my daughters from www.jwoservices.com and they were autographed by the author to boot. The girls liked them, mom included, but unfortunately they didn't motivate them enough to read Now You're Talking. I

guess I shall try something else.

73

Preston, n0g1m, Southern NY State

Date: Sun, 28 Nov 1999 20:01:03 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu
Subject: [56960] Verne's Page
Message-ID: <3.0.6.32.19991128200103.007b0ec0@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

W6MMA's Super Antennas page has new pictures of both
his KW3 mobile antennas and the PW-1 portable antenna.
Please be patient as the page loads slow due to all the
graphics but it will be worth the wait.

<http://www.superantennas.com/>

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Sun, 28 Nov 1999 23:08:19 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: drboom@bright.net
Cc: qrp-1@lehigh.edu
Subject: [56961] Re: 2N2/40 Help PLEASE !!!!
Message-ID: <3.0.1.32.19991128230819.0073cd14@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:20 PM 11/28/99 -0800, you wrote:

>Gang,

>

>Has anyone that has built the 2N2/40, or are in the process of building
>it had any problems with the balanced mixer circuit being somewhat deaf.
>This is what I'm looking at: after building the diode balanced mixer,
>matching the diodes very carefully, and trying to get everything right.

>When it came time to test this circuit, I generated a signal with my K2
>at 7.050, the 2N2/40 heard this signal and passed it on to the general
>coverage receiver that was tuned to the 4.915 i.f. of the 2N2/40.
>I believe, if I read it right from the book that after peaking the input
>trimmers TC1 & TC3 for the strongest signal, I should now be able to
>tune the 40 mtr band with the VFO of the 2N2/40, and be able to hear it
>on the general coverage receiver. I heard the K2 signal just
>fine....very loud as a matter of fact, but no signals are heard when I
>hook the outside antenna to the antenna input on the 2N2/40, and yes I
>made sure that I heard signals when the antenna was hooked up to the K2,
>so I know that it wasn't an antenna or coax problem.
>Any help would be appreciated.

>
>TIA
>
>Tim Herron
>
>

Hi Tim....sorry to hear that you are having problems with your 2N2/40,
but we'll figure it out and get it running.

First off, I'm going to refer to the layout drawing on page 23 of the
Winter QRPP, so get that out for reference.

First question, Do you have POT5 wired in, and if so, is it all the
way up, or fully clockwise? If not, the signal will be severely
attenuated.

Question two, did you add the missing connection from T1, wire 4
over to the pad with the junction of C1 and C2? If not, then
no signal is getting to the second tuned filter circuit, and the
first tuned circuit isn't complete, as the input toroid is not
completely wire in.

Question three, do both input circuits tuned with TC1 and TC3 actually
peak, and are there two peaks on a 360 degree rotation of either
TC1 or TC3? If there aren't two peaks, then T1 and T2 need to have
a turn or two removed, so that they actually peak at nominally 7 MHz.

Question four, do you have Vcc applied to wire VCC9, so that the
r.f. amplifier is operating? If the r.f. amp is unpowered, the
receiver is quite deaf.

Question five, what is the r.f. drive level from the VFO to
the DBM on wire W8? It needs to be about 2 volts peak-to-peak
to properly drive the DBM.

Question six, did you wire up the DBM and diodes correctly? Recheck

the wiring and make sure the diodes are actually wired anode to cathode in a ring, and make sure T4 and T5 are wired correctly to opposite corners of the diode ring.

Finally, go back over what you have built and make sure that all of the connections that are supposed to be there at this point are really there. An open emitter on Q1, or a missing C2, etc. all can cause severe sensitivity problems.

Let me know what you find with respect to any or all of the questions which I posed.

72 and keep in touch.....Jim, K8IQY

Date: Sun, 28 Nov 1999 20:16:45 -0800
From: "Bruce2" <Bruce2@prodigy.net>
To: <qrp-l@Lehigh.EDU>
Subject: [56962] Qrp in Reno/Tahoe area?
Message-ID: <002501bf3a20\$8e98b440\$a1809cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Any qrpers in the Reno/ Tahoe and surrounding areas?
> Contact me direct as several of us are trying to see if there is enough
> interest to form a group.
>
> Bruce WB4WZL

Date: Sun, 28 Nov 1999 23:05:24 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L message" <qrp-l@Lehigh.edu>
Subject: [56963] CQWW
Message-ID: <000b01bf3a2f\$d10801a0\$01ae30d0@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Unbelievable conditions!....tnx Paul. Got 71% of DXCC, 29 unique zones and couldn't tell a 5 from and H towards the end. Logged a station as 5V4MX who said he was in zone 28 but TR said it was zone 35, Togo.....Listened to him over and over but came up with the same call...geeesh. Finally figured it out...he was running his 5 and V together and it should have been H4...H44MX....then the zone checked ok. Heard some choice ones I couldn't hook...VQ9,YB0, etc. but got 5 new ones: MU/OH9MM, EA6IB,9V1YC,OH0R and CN8WW for new total of 155.

Band	QSOs	Points	Countries	Zones
40CW	9	25	9	6
20CW	37	102	31	13
15CW	33	90	26	16
10CW	97	274	58	23
	176	491	124	58

Final Score: 89,362 points

TS850 @ 5W to 3 el yagi w/40M extender

Logger: TR 6.44

Tnx to all the great ears out there and hope all enjoyed the fantastic conditions.

Floyd NQ7X Phoenix ScQRPion DM33uq

Date: Mon, 29 Nov 1999 17:50:12 +1100
 From: "Glen Torr" <glentorr@ozemail.com.au>
 To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [56964] Valve TX, RX in CQ Sept 1995
 Message-ID: <000701bf3a35\$fcc7e660\$12c16ccb@hugo>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Howdy All,

In "World of Ideas" September 1995 Dave Ingram described a one valve, 3A4, regen RX and a 1 valve, 1S4, TX. Did anyone build this pair and if so how did (do) they perform?

Thanks

Glen VK1FB

Date: Mon, 29 Nov 1999 05:18:10 -0600
From: "DONALD G. DORN" <DDORN@CWIS.NET>
To: LOW POWER AMATEUR RADIO DISCUSSION <QRP-L@LEHIGH.EDU>
Subject: [56965] CQ WW NOTES
Message-ID: <384260F2.5B83D5C3@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good morning all,
A couple of things about the contest yesterday; There was a big pile up trying to work C6AJX. I don't know why. Was it some kind of special station? I had already worked a C6 but I became like the guy who was running a kilowatt a week or so ago and heard the pile up chasing the fox, thinking that this must be something good I jumped in. :-)

One other thing; The poor bootleggers on 10M had a bad weekend. There was wall to wall CW on the band. I heard a couple of them trying to talk and both had a strong CW station right on top of them. Made me smile.

Don K5AAR

Date: Mon, 29 Nov 1999 07:38:58 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: "'n4xy@att.net'" <n4xy@att.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56966] RE: Ferrite Toroid ID ? To mark or not to mark ?
Message-ID: <2D343922E283D211945C0008C7A41B2A0131011D@adntex01.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Even if the ferrite fractures, there's no real harm done! You can put the toroid back together
Using "crazy glue" or a hot glue gun and it will still work as a toroid without problem!

Scribing the toroid is going to be difficult, 'cause those things are

H-A-R-D !!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Ed Tanton [mailto:n4xy@att.net]
Sent: Thursday, November 25, 1999 10:13 AM
To: Low Power Amateur Radio Discussion
Subject: RE: Ferrite Toroid ID ? To mark or not to mark ?

Why not use a Sharpie (Permanent) Marker, Patrick? You could use that white paint on the dark ones first. I'm just leary of using the scribe on them since "scoring" them would potentially allow a fracture.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Mon, 29 Nov 1999 07:57:12 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: "'aweiss@usd.edu'" <aweiss@usd.edu>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56967] RE: Tuned Radials
Message-ID: <2D343922E283D211945C0008C7A41B2A01310121@adntex01.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Abso-definitely correct, Ade!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: aweiss@usd.edu [mailto:aweiss@usd.edu]
Sent: Friday, November 26, 1999 12:22 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Tuned Radials

Hi: "tuned radials" applies only to elevated systems. The amount of elevation needed before a radial exhibits resonance traits depends upon the ground conductivity and the band. On the ground, radials are not resonant in any definable way to the intended frequency of operation.

72, Ade

Date: Mon, 29 Nov 1999 14:01:11 -0000
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: "GQRP-L" <gqrp@onelist.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [56968] Web site
Message-ID: <003701bf3a72\$32a4b100\$c3a932d4@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will be uploading lots of new items to my web site in the near future.
Already have added one, take a look at the new additions page and will soon
be adding details, circuits etc of the Weekender kits which are now
available, see Sprat.

Frank G3YCC G QRP 042
QRP web page <http://www.g3ycc.karoo.net>

Date: Mon, 29 Nov 1999 04:11:12 -0500
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [56969] FS - Paddlette KP-1
Message-ID: <4921D6AF1F7BD31184EF00E018C1A351011355@GEM01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:

Like new Paddlette KP-1 portable iambic paddle with built in TiCK keyer and
knee mount.

See <http://home.att.net/~goodroe/paddlette/page3.html>

Lists for \$79.95 with knee mount...

will sell for \$60.00

Contact George KF4CPJ for more information.

Date: Mon, 29 Nov 1999 09:51:12 EST
From: Ac6qi@aol.com
To: qrp-1@lehigh.edu
Subject: [56970] Gallups Island
Message-ID: <0.577290d2.2573ece0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

My dad went to radio school many years ago on Gallups Island in Boston. He spent much time there learning Morse Code and got a 2nd Class Radio Telegraphy license and a Class One Radio Telephone License. This would be before and/or during W.W.II. Any chance there's anyone out there who went through that school, too? Hopefully maybe in the Las Vegas/San Diego/Los Angeles area now. It might be nice for him to get in touch some time and visit.

Warning: I borrowed a radio from a friend and have been listening on 40 meters. A little more time and I'll actually plug in a key.....

-Jeff Lastofka AC6QI

Date: Mon, 29 Nov 1999 09:52:25 -0500
From: John Mckee <JMckee@RFMD.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [56971] 49er driver/PA question
Message-ID: <7FBBB9EBE9DAD211956F006094253FD916F37C@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Does anyone know or could someone measure the peak to peak RF signal at the base of the PA stage and tell me what it is.

Thanks es 73,

John WB40FT

Date: Mon, 29 Nov 1999 09:21:41 -0600
From: John Bohnert <johnb@elmhurst.edu>
To: ekdave@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56972] Re: Elmer 102--the Wilderness Sierra
Message-ID: <38429A05.6739A9D5@elmhurst.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks Dave. I will not build the Wilderness Sierra, but I do wish to thank you publicly for your efforts. I learned so much with my Elmer 101 experience and the SW40+. The 'build a little and test' model, with helpful comments about the circuit and its functions, provide a valuable service in supporting building/learning for a large number of hams within the QRP community. The builders that are attracted to the project also have a place to share their experiences, frustrations and joys...a most important support system in the build/learn model. Thanks again OM.

72 N9KW John Elmhurst, IL NORCAL 1257

Date: Mon, 29 Nov 1999 07:52:48 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56973] Re: CQWW
Message-ID: <Pine.GS0.4.10.9911290722400.20764-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

CQWW was super! Condx on 10m were really fantastic.

We had the kids and grandkids down from Idaho so there was very little time spent at the radio. But the time I spent was fun.

I came away with even more respect for these top ops. They are truly good. Other than when I went up high in the bands looking for the newer ops did I slow below 32 wpm.

Most of the time I was at 38 wpm and often over 40 wpm. While the exchange for the CQWW is a giveaway the callsign still needs to be copied right. When you throw your call out there

at 40ish wpm and you hear it coming right back to you with no delay it just blows me away!

Lots of BIG scores being posted to 3830 by the multi-multi stations.....around 8 mil points and pushing 4K QSOs!

QRP scores are well up there too. Some are getting close to 1K! Super job by some very good QRP ops.

Be sure to post your score on 3830 and send in those logs. Lets keep QRP in front of everyone!

If you have the WDB the easy to post scores to 3830 is via:

<http://www.hornucopia.com/3830score/>

Just fill in the blank, or as many as you can.

Only worked one QRP DX station that I know of. That was an LU. Don't have the log here to check the full call.

Don't forget that next weekend is the 160m contest. Get on and have some fun.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Mon, 29 Nov 1999 10:24:42 -0600
From: Bcieslak@ra.rockwell.com
To: qrp-l@lehigh.edu
Subject: [56974] FOX: Cards rolling into Fox Buro QSL buro
Message-ID: <86256838.005A243D.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

We got a bunch of cards and envelopes in over the Holiday weekend. Check out the updated status at the fox buro web page.

<http://www.qsl.net/nq9rp/foxburo.html>

We have received cards for the following foxes:

K1JD
K10J
N5TW
AB5UA
K6JMB
KU7Y
W8RU
NF9K
W0MC

Brian AE9K / NQ9RP

PS.. We held back sending cards to early foxes because the hunter's response was sort of meager.

Foxes..check your status and let us know if you want us to forward the cards we have for you
or to hold on until more come in.

Date: Mon, 29 Nov 1999 09:02:00 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [56975] CQWW DX contest milliwatt results
Message-ID: <19991129170200.24395.rocketmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Here is my list of new countries worked in this weekends contest. Most were worked on 10/15M, but quite a few on 20M saturday evening. Some like 9G5AA, J3A, & CN8WW were worked on more than one band. Some are listed at 650/800mW, but were also worked on another band at less power.

Equipment is QRP+, WM-2, & 2 element quad for 10/15M, and half square for 20M. Ten meter mobile antenna is a 4 ft CB stick I converted to 10m.

I have started looking up QSL managers & addresses. If you need any addresses, or have some to share, I'd be happy to do that off list, at kj5tf@madisoncounty.net
We may be ok with that on QRP-F, but I dono.

I have 38 DX stations confirmed with mW level, and hope to break 50 by years end.

VP2MGU = Montserrat 50mW
5C8M = Morocco 60mW
OM5DP = Slovak Republic 200mW
YV7/NT1N = Venezuela 80mW
YZ9A = Yugo 240mW
CT3BX = Mandeira Island 240mW
YU7WW = Yugo 240mW
YL3CW = Latvia 250mW
TM2Y = France 250mW
VQ9IO = Chagos 750mW
PJ4B = Net. Antill. 500mW
ZP6T = Paraguay 800mW
9G5AA = Ghana 650mW
4M7X = Venezuela 650mW
J3A = Grenada 650mW
CN8WW = Morocco 650mW
YL3IZ/MM = zone 9 650mW
EA9EA = Ceuta-Melilla 650mW
UR3IWA = Ukraine 650mW
GI0KOW = N. Ireland 650mW
UT0U = Ukaraine 650mW
YT0C = Yugo 650mW
YU7AL = Yugo 650mW
OE3I = Austria 650mW
ZS6EZ = S. Africa 650mW
EU1SA = Belarus 650mW
E07V = Ukraine 650mW
ZS5Q = S. Africa 650mW
RW2F = Kaliningrad 650mW
OE5KE = Austria 650mW
RU1A = Russia 650mW
ES2X = Estonia 650mW
GM7V = Scotland 650mW
FM5BH = Martinique (Worked in my truck with 850mW)
ZS6EZ = S. Africa (Worked in my truck with 850mW, dupe)

Prior to the contest in November the following new countries were bagged with milliwatts.

GW3KGV = 70mW 12M band
GM4YXI = 32mW 10M
FO0SOU = 65mW 10M

V47BY = 220mW 10M
T99W = 160mW 10M
F5PLC = 80mW 10M
OM3RM = 300mW 10M
HC5AI = 100mW 12M band
VP2V/G3TXF = 100mW 12M band
R1AND = 400mW 17M band
SP7HT = 150mW 12M band (QSL received)

The 12M antenna is a tree mounted "quad" beam at 12'.

I havnt checked, but I think there is another DX CW
contest in January, or february.
This is really FUN, please join me. Get your ARCI mW
DXCC in 2000 !

72/71's de Jim KJ5TF

=====

Ham radio/alt energy - <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
AR QRP#2 - Kingston, Arkansas - 35.94N 93.47W

Do You Yahoo!?

Thousands of Stores. Millions of Products. All in one place.
Yahoo! Shopping: <http://shopping.yahoo.com>

Date: Mon, 29 Nov 1999 10:55:06 -0800
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [56976] FOX: How to set up TRLog for a future FOX??
Message-ID: <3842CC0A.761D@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings, FOXii.

My turn, first ever, as a FOX is coming up in just over a month.
Having just played with CQWW using TRLog, I would really like to use it
for my FOX session. There is no obvious setting for the received
exchange that hits it exactly. I could use RST QTH NAME and just stick
the qrp-l number to the name. Or, use QSO NUMBER NAME CHAPTER QTH with
the received RST into QSO NUMBER and qrp-l number into CHAPTER (but
that is out of the natural order -- qrp-l number is usually last).
Has TRLog been used for a previous FOX? How did you set it up?

73

Allan K7GT, FOX for Jan 4, 2000.

--

Allan Taylor K7GT Grid CM97 email: k7gt@arrl.net

Date: Mon, 29 Nov 1999 12:22:22 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: k7gt@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56977] Re: FOX: How to set up TRLog for a future FOX??
Message-ID: <38426FFE.7A8A78C1@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

How about just using the ARCI test logging function in TRLog. The exchange there is RST, SPC, and ARCI number. Just use the QRP-L number instead.

Shouldn't be a problem.

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Mon, 29 Nov 1999 11:55:01 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: radios@elecraft.com
Cc: qrp-l@lehigh.edu
Subject: [56978] Fwd: CQWW CW N3BJ SOAB QRP
Message-ID: <19991129195501.56245.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Wayne, Eric and all,

Just submitted this to the 3830 reflector, thought you'd be interested. The K2 held up perfectly in the wall to wall CQWW QRM, the true test by which all radios are measured.

Alan, N3BJ

-----Original Message Follows-----

From: N3BJ@hotmail.com

To: 3830@contesting.com, N3BJ@hotmail.com

Subject: CQWW CW N3BJ SOAB QRP

Date: Mon, 29 Nov 1999 14:40:05 -0500 (EST)

CQ Worldwide DX Contest - CW

Call: N3BJ

Operator(s):

Station: N3BJ

Class: SOAB QRP

Operating Time (hrs): 36

Summary:

Band	QSOs	Zones	Countries
160:	0	0	0
80:	0	0	0
40:	177	15	66
20:	176	25	76
15:	259	25	89
10:	279	25	83

Total:	891	90	314 = 1,030,200

Comments:

Rig: Elecraft K2 @ 5W Ant: Cushcraft 40 thru 10 rotatable trap dipole

What a great time. Really scary to bust thru some of the pileups.

Virtually

everybody could hear me, QRM was the only limiting factor. Worked 115 countries

total including VQ9IO, ET3VSC, TZ6DX, ZA/S51F, 5A1A, A61AJ, A45XR, TA3DD, 5H3US, 3V8BB, etc. All contacts were search and pounce, resisted the temptation

to call CQ on 10M, might have been a mistake as crazy as it sounds. Had NO antenna coverage to the Pacific due to the local topography.

Any other QRP scores out there ?

Posted using 3830 Score Submittal Forms at:

<http://www.hornucopia.com/3830score/>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 29 Nov 1999 12:28:33 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [56979] DX; Norcal Net; QRQ Marathon etc.
Message-ID: <3842E1F1.750D@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang, I was up Early on Thanksgiving morning and searching for the 5 mW beacon at 0730 AM Local time (Northern California) and quickly discovered the QRM from calling stations made this Beacon Hunt impossible.

So on a whim, I answered CQ's from the 50 Watt station, HL1DH and had a nice 7 minute chat to SEOUL KOREA! It has been a while since I sought any DX and with 5 Watts I was elated to QSO with Rim. He was indeed happy to actually chat for a while so I'm sending the card out. Got the address already.

After a nice WSN-40 Net gathering on Saturday, we did a little XMAS shopping Sat/Sunday. Then Sunday evening found me sprinting from the dinner table as I realized suddenly that the net started in 5 minutes! An I'm net control! Whew, made it. Had about 9 check-ins and this continues to be a great start for the Norcal net.

On Saturday I had had a marathon QRQ practice session with Bob/N6WG from 28 to 32 WPM. We were both most comfortable at 30 WPM and after 2 Hours and 10 minutes were pretty much spent. I found that the hardest part is not so much sending as it is having something to send! At these speeds, and particularly during ragchews instead of contests, one needs to have the next 3 or 4 words ready and available in the brain or you can lose your rythm. This will come with practice and is exactly the phenomenon I expected to be working to improve on.

Oh, during the QRP Norcal net I did mention the QRQ practice and Randy/K7TQ and Wayne NB6M, as well as Gody/AC6UV offered up a 4 way QRQ chat on 7040 Khz. After a quick chat with Allan/K7GT at decent speed, I dropped down to 7040 looking for the QRQ participants.

Unfortunately the QRM was terribly awful and I couldn't find K7TQ who was about 439 on the quiet portion of the band. I dropped down to 7039 and it sounded good enough. Gody/AC6UV and I were just getting started when Wayne/NB6M found us after his frantic search. We had a ball! No pretentiousness. We started at 28 WPM and ran it up a notch after every couple of rounds. At 32 WPM I found I needed to add some extra spacing to send nicely. Hopefully the reflexes will soon catch up and I can tighten it up so it is less farnsworth and the thruput is at the 32 WPM rate. We had a ball. The approach now being to pick an activity you did and describe that. It's a little easier than trying to analyze and respond to what the last guy was saying. But we did actually answer some of eachother's questions.

It was fantastic. One note, Bob/N6WG and I were treated to an excellent side effect. After running 32 WPM, 28 WPM operating was a piece of cake!

I had an idea, perhaps we'll set up a session after the Norcal net on Sundays down at 7039 KHz. Starting at 18 WPM and go up 2 WPM each round until we peter out. Or start at the lowest common speed suggested. Maybe a nice 50 Word paragraph that will be passed along at 18 WPM and then we go round-robin.

CQ CQ QRQp Net DE WE6W QNI K

72 to all and see y'all next Saturday and Sunday.

Net Schedules: (All Are Morse Code)

WSN-40/CW Saturday:9 AM Pacific, 7040 KHz; (Sat/1700Z UTC)
QRP Norcal Sunday :6 PM Pacific, 7045 KHz; (Mon/0200Z UTC)

If interested, possibly:

QRQp Net Sunday :After Norcal, 7039 KHz; (Mon/Approx: 0300Z UTC)

--

-72/Ed WE6W; AR Millennium Q's=> 2295/2000 A-1 OP
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Mon, 29 Nov 1999 13:35:26 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: n3bj@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [56980] Re: Fwd: CQWW CW N3BJ SOAB QRP
Message-ID: <3842811E.2FF94AC2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow! There are some great QRP scores on this List. I envy those of you who could really spend time in this 'test'.

Great job!

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Mon, 29 Nov 1999 16:03:48 -0500
From: "The Hansons" <hansfam@midcoast.com>
To: <qrp-l@lehigh.edu>
Subject: [56981] post on Ten-Tec reflector??
Message-ID: <000401bf3aad\$3c3199a0\$d4e71ace@hansfam>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Could someone please explain to me how to post on the Ten-Tec Reflector? Tried Plain text,HTML, etc-but my posts never get there(nor do they come back to me)-they just seem to disappear!

Steve KE1LG
hansfam@midcoast.com

Thanks

Date: Mon, 29 Nov 1999 14:12:07 -0700
From: Roy <marion@montana.com>
To: k7gt@arrl.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [56982] Re: FOX: How to set up TRLog for a future FOX??
Message-ID: <199911292112.0AA00576@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:55 AM 11/29/99 -0800, Allan G Taylor wrote:

>>My turn, first ever, as a FOX is coming up in just over a month.
>Having just played with CQWW using TRLog, I would really like to use it
>for my FOX session. There is no obvious setting for the received
>exchange that hits it exactly. I could use RST QTH NAME and just stick
>the qrp-1 number to the name. Or, use QSO NUMBER NAME CHAPTER QTH with
>the received RST into QSO NUMBER and qrp-1 number into CHAPTER (but
>that is out of the natural order -- qrp-1 number is usually last).
>Has TRLog been used for a previous FOX? How did you set it up?
>
>73
>
>Allan K7GT, FOX for Jan 4, 2000.
I would like this info as well. tnx Roy AB7CE

Date: Mon, 29 Nov 1999 13:14:13 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [56983] Need OHR Manuals
Message-ID: <19991129211413.24737.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I'm in need of some OHR manuals as a result of helping out a local with an estate sale. Need copies for:

OHR-400
OHR-100A
DD-1
WM-2

Will gladly pay for copying, postage, etc.

Alan, N3BJ
Bent Mountain, VA

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 29 Nov 1999 16:11:10 -0500
From: "Robert W. Shaw" <lycott@fox.nstn.ca>
To: <qrp-1@lehigh.edu>

Subject: [56984] A shortened halfwave dipole antenna.
Message-ID: <3.0.5.32.19991129161110.008ffc40@fox.nstn.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am contemplating a shortened halfwave antenna as follows:

-a high impedance feedpoint (parallel C&L) coupled to a short wire "end" segment (say 0.05 wavelength), a loading coil (inductive reactance of 2400 ohms), a further wire "center" segment, a second loading coil (the same as the first loading coil), and a third wire "end" segment (say 0.05 wavelength) (the same length as the first end segment).

My idea is, in essence, to take two center-loaded "shortened" quarter wave antennas attached to each other end to end at their normal feedpoints, which would now look like a "shortened" halfwave dipole, and feed this dipole from one (high impedance) end as you would a regular (i.e. full length) halfwave dipole.

This would then have the center segment (between the two loading coils) as a high current area for good radiation, an overall shorter length antenna (for say 40 meters hung from a tree branch -- 0.2 wavelengths in physical length but a half wavelength electrically), and a high impedance feed point at the end which would not require a great earth ground to maintain good efficiency.

I've had trouble modelling this with ELNEC -- first, the lower end of the halfwave appears to have to be placed ON the ground, or I cannot get a source located there. Secondly, I do not know what impedance to use for loading coils. I was attempting to use 0.05 wavelength for each end segment, and 0.1 wavelength for the center segment, and $X_{sub L}$ inductive reactance of 2400 ohms for each loading coil (an amount predicted by the Antenna Handbook graph for a center loaded shortened dipole of length 0.1 wavelength with about a 36 ohms feedpoint, which would be matched to the other identical shortened dipole's 36 ohm feedpoint).

Firstly, can anyone tell me if this idea has any merit, and secondly, how to model this with ELNEC 3.04 (forunner of EZNEC).

Thanks for any help or discussion.

72 de Bob VE3SUY.

Date: Mon, 29 Nov 1999 11:59:53 -0500
From: wb2vuo@juno.com

To: qrp-1@lehigh.edu
Subject: [56985] CQ N0RC: QSL Card Mixup
Message-ID: <19991129.115955.-81967.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Sorry to post to the list, but my ISP is not responding today, and I can't look up the Email address....

Rod, please drop me a direct line here, or over at bbams@juno.com

72/73, Keith, WB2VU0, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 29 Nov 1999 22:27:06 -0000
From: "George Dobbs" <g3rjv@gqrp.demon.co.uk>
To: <QRP-L@lehigh.edu>
Subject: [56986] SPRAT 101
Message-ID: <000a01bf3aba\$d6446d80\$151d989e@kcubkvql>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

SPRAT 101 is now with the printer
We have an expected publication date at the end of December

This issue includes:

EAGLET RECEIVER

A simple superhet receiver idea for beginners [W1FB competition entry]

RK3ZK 3 BAND RECEIVER

An interesting 3 band DC receiver for beginners [W1FB competition entry]

UNIVERSAL VFO/EXCITER

A useful circuit with a Franklin VFO and high speed CMOS dividers

SIMPLE SIDETONE

Perhaps the simplest way to add sidetone to your transmission?

METER CIRCUITS

Two very useful circuit ideas from G3TDZ

MORE ON WALL WARTS

Improving the previous ideas on using wall mounted power supply/plugs
ACTIVE ANTENNA

A comprehensive circuit for the serious short wave listener

ACTIVE CW FILTER

Using a combination of active and passive elements

THE QRP2001 EXPERIMENTAL RECEIVER

A phasing receiver with Tayloe mixer and polyphasing

BELL PUSH KEYER

A simple but effective keyer idea

A.A.A.

More antennas ideas and award news from G8PG

QRP CALENDAR

The major QRP events for 2000

COMMUNICATIONS & CONTESTS

News of QRP contests and events

Plus NOVICE NEWS - SSB COLUMN - MEMBER'S NEWS

Not a member of the G QRP Club?
in which case you will miss all of the above.

Want to join?

An email with your full postal address with bring

A sample back issue of SPRAT and an application form

or look at the G QRP Club webpage

72/3

George Dobbs G3RJV
g3rjv@gqrp.demon.co.uk
The G QRP Club
[www.gqrp.demon.co.uk]

"It is vain to do with more
what can be done with less"

William of Occum. 1290-1350

Date: Mon, 29 Nov 1999 14:57:34 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56987] Announcement: QRQp, QRP speed practic net formed.
Message-ID: <384304DE.58D7@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends, I've received notice that there indeed are some folks
interested in a QRP CW practice net to help improve sending
speed. Remember, any speed faster than what you are sending is
QRQ.

Here's my first pass at NCS operating format:

What: QRQp Net. 7039 KHz. (+/- QRM)
This is a QRP practice net for morse code.

When: After QRP Norcal Net which is scheduled for:
Sunday, 6 PM (Monday, 0200Z UTC); FREQ:7045 KHz.

Who: Anyone interested in improving Sending/Receiving
skills with emphasis on speed with quality characters.

NCS/Originator: WE6W, Ed Loranger, Santa Rosa, CA.
mailto:we6w@qsl.net

- FORMAT: 1) CQ Callup of stations.
* Send your callsign once.
- 2) NCS will welcome new stations and explain
the net procedure and that Stations may PASS to the
next station at any time. NCS will then
Broadcast the station list. (Sending Order).
- 3) NCS will call each station to request their preferred
starting/ragchew sending speed.
* Send: Your_call Speed WPM BK
EXAMPLE: DE WE6W 28 WPM BK
- 4) NCS will send 50 character Paragraph to be written
down at 10 Words per line. NCS will end each line
with a BT. The "BT" WILL be sent by all stations to
assist with formatting if we get lost.
* All Stations will be called to QSL that they
have received the evening's practice paragraph.
- 5) NCS will call and give RST to the first station.
- 6) Called station will reply and send signal a RST back to
the calling station, then continue with "BT BT" -OR- the
message Start Prosign that I think is the "KA" Prosign.

The current station sending the message shall provide
at least 1 minute of code, even finish the paragraph
if they wish. Then the station will pass to the
next station on the master list previously broadcast by
NCS.

- 7) This next station will also execute step (6) and the
process

continues until the last station passes back to NCS.

- 8) NCS will ask all to increase speed another 2 WPM and then send the message out again.

NOTE: Remember, any station may PASS by sending something such as: QSL, UR 579 es PASS now to W6??. etc.

NOTE: The net will remain flexible and NCS may suggest an obvious solution to any issues that may detract from an overall efficient training session.

EXAMPLE: 7 Checkins send at 22 WPM and 1 checkin sends a ragchew starting speed of theirs is 13 WPM.

Solution: NCS recommends everyone only send the first 2 lines of the practice paragraph. Going up two WPM after each round, eventually sending more of the paragraph as is comfortable.

ENDING THE NET:

NCS will ask that stations attempt to work at their fastest speed for a final round, being sure to correct errors as they go and are welcome to QRS if too many errors (At their option!)

NCS will then ask for final comments, suggestions and perhaps review of the QRQp net operations.

NOTE: Stations may ask to be excused at any time to simply monitor and NCS recommends that stations ONLY PLANNING TO MONITOR, please DO CHECK In, say hello and ask to be excused. It is nice to know we have friends nearby to support us by simply listening.

With a QNF, the net is free and will close with a QRP
Best Wishes salute, "72".

72/Ed Loranger, WE6W

--

-72/Ed WE6W; AR Millennium Q's=> 2295/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Mon, 29 Nov 1999 15:15:57 PST
From: "Tedd Wong" <wong_te@hotmail.com>
To: qrp-l@lehigh.edu
Cc: wong_th@printronix.com
Subject: [56988] FS: QRP Rigs and Access.
Message-ID: <19991129231557.34048.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Too many rigs and not enough time. I have the following for sale:

Kenwood TS-130V (10+ watts out on all bands, WARC incl., band switch is a little sticky but overall radio works great.) \$275 + shipping.

Small Wonder Lab DSW-40 w/ machined case (See review in Dec. CQ mag.) \$125 + shipping

NORCAL 38 Special w/ 5 watt mod (built but untested) \$25 + shipping

Rainbow Tuner (built but untested in R/S box) \$25 + shipping

TEN-TEC 20 meter to 6 meter transverter (unbuilt and unopened) \$75 + shipping

A & A Engineering QRP-30 rig (5 watts tx, super het. rx) \$75 + shipping

MFJ-418 Morse Tutor (mint) \$75 + shipping

Thanks,

Tedd AB6CO Walnut, CA 91789

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 29 Nov 1999 18:22:55 -0500
From: "Randy Hargenrader" <randyh@harksystems.com>
To: <klqrp@waterw.com>, <qrp-l@lehigh.edu>
Subject: [56989] KL net 11/28/99
Message-ID: <054201bf3ac0\$aaafcf6a0\$1203010a@randy.hark>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fellow QRPers,

The KnightLite roundtable net was held last night with good conditions and plenty of QRPp stations checking in.

QNS:

KG4CRU Dick from Morrisville, NC on a SMiTe. I believe he said this was his first use of his SMiTe! He was 559 with QSB.

N4DR Marc - pretty rough copy! We gave each other some low rst #'s.

N3GO Sir Gary got a 559 using a 600mW SMiTe! He gave me a 599 Good rcvr in that SMiTe, eh Gary?

K4PYM from Wahalla checked in using an old tube oscillator/ xtal controlled

Running about 5 watts. rst 559

KE4KKR Ed from Soddy, TN got a 549 from me

WF4I Derek, Sir Steak, just got back from the beach. rst 599

AE4IC Sir Bob, praised his K2 and commented on the amount of qso's he was having. rst 579

VE3JC John, Sir Bike Mobile, checked in with us from way up nort', eh? rst 539

NZ4M John, out of Foley, AL checked in with his 3 watts with a 589 signal.

Your host was WJ4P as NCS. Thanks for all the participation gang.

Come join us: 3.686.4MHz at 9:30pm Eastern, Sunday nights.

72,

Randy WJ4P

Date: Mon, 29 Nov 1999 18:45:26 -0500

From: "Mike Czuhajewski" <wa8mcq@erols.com>

To: <qrp-l@lehigh.edu>

Cc: "wa8mcq" <wa8mcq@erols.com>

Subject: [56990] HM-9 wattmeter questions

Message-ID: <199911292335.SAA02442@xanadu.evi-inc.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I've already responded in private to N2GO on his question about converting a VHF version to HF. (When constructing the HM-9, the builder had to determine if it was to be used on HF, 6M or 2M and then install selected components. This involved several different caps and resistors, as well as selecting one of two sensor coils that were supplied.) I also sent a copy

of the reply along to some who I'd corresponded with earlier. The bottom line is that there's still a certain amount of confusion about the coils, and my test of one of the VHF coils, supplied by N8CFK, was inconclusive--couldn't determine what type of core material it was, since it didn't seem to line up with any of the standard types.

In the meantime, N3XRV is going to send me one of the units he has for examination, and that should help a lot. He even gave authorization for me to tear it apart and put it back together again, so this should be fun and educational :-)

73 and queue the pea DE WA8MCQ

Date: Mon, 29 Nov 1999 18:49:15 -0500
From: "The Hansons" <hansfam@midcoast.com>
To: <qrp-1@lehigh.edu>
Subject: [56991] Many thanks...
Message-ID: <003e01bf3ac4\$591f7ca0\$d6e71ace@hansfam>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many thanks to all who responded to my question abt Ten-Tec reflector.

Steve KE1LG

Date: Mon, 29 Nov 1999 23:49:34 -0000
From: tf3vst@vortex.is (Villi Idunni)
To: <qrp-1@Lehigh.EDU>
Subject: [56992] Elmer 101 - SW40+ and 15m
Message-ID: <016401bf3ac4\$842ff640\$3d9104c1@idunn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone on the list have any experience or information about converting the SW-40+ to a 15m rig?

Please answer direct to tf3vs@amsat.org

72, de TF3VS

Date: Mon, 29 Nov 1999 18:51:25 -0500
From: Mark Sailer <msailer@willys.buoy.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [56993] Tonight's FOX???
Message-ID: <3843117C.5470FDE6@willys.buoy.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Any news on tonights FOX, or did I miss it?

TNX

--

====

Mark Sailer, N2JTW msailer@buoy.com
Lake Grove L.I., NY

End of QRP-L Digest 1654

